

中国科学院

随机复杂结构与数据科学重点实验室

学术报告

题目: Action minimizing Lagrangian dynamics and viscosity solution theory, in metric spaces

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时间: 2023 年 7 月 20 日 (周四) 14:30-15:30

地点: 数学院 N218

摘要: We introduce an abstract maximum principle based definition of viscosity solution of Hamilton-Jacobi equations in metric spaces. Then we collect some useful properties and discuss projections of viscosity solutions from high dimensions to low dimensions, in the case where submetry maps are involved.